

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/598,079
Source: IFWO
Date Processed by STIC: 8/23/06

ENTERED



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/598,079

DATE: 08/23/2006
TIME: 11:26:05

Input Set : A:\W110720015SEQ.ST25.txt
Output Set: N:\CRF4\08232006\J598079.raw

```

3 <110> APPLICANT: Williams, Kevin J
5 <120> TITLE OF INVENTION: ANGIOCIDIN FRAGMENTS AND USES THEREOF IN CLINICAL ASSAYS FOR
6   CANCER AND OTHER DISEASES
8 <130> FILE REFERENCE: W1107/20015
10 <140> CURRENT APPLICATION NUMBER: 10/598,079
11 <141> CURRENT FILING DATE: 2006-08-17
13 <150> PRIOR APPLICATION NUMBER: PCT/US05/05169
14 <151> PRIOR FILING DATE: 2005-02-18
16 <150> PRIOR APPLICATION NUMBER: 60/546,302
17 <151> PRIOR FILING DATE: 2004-02-29
19 <160> NUMBER OF SEQ ID NOS: 3
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 380
25 <212> TYPE: PRT
26 <213> ORGANISM: Artificial
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Sequence from Homo sapiens
32 <220> FEATURE:
33 <221> NAME/KEY: MISC_FEATURE
34 <222> LOCATION: (332)..(332)
35 <223> OTHER INFORMATION: wherein Xaa is any amino acid
37 <400> SEQUENCE: 1
39 Met Val Leu Glu Ser Thr Met Val Cys Val Asp Asn Ser Glu Tyr Met
40 1           5           10          15
43 Arg Asn Gly Asp Phe Leu Pro Thr Arg Leu Gln Ala Gln Gln Asp Ala
44 20          25          30
47 Val Asn Ile Val Cys His Ser Lys Thr Arg Ser Asn Pro Glu Asn Asn
48 35          40          45
51 Val Gly Leu Ile Thr Leu Ala Asn Asp Cys Glu Val Leu Thr Thr Leu
52 50          55          60
55 Thr Pro Asp Thr Gly Arg Ile Leu Ser Lys Leu His Thr Val Gln Pro
56 65          70          75          80
59 Lys Gly Lys Ile Thr Phe Cys Thr Gly Ile Arg Val Ala His Leu Ala
60 85          90          95
63 Leu Lys His Arg Gln Gly Lys Asn His Lys Met Arg Ile Ile Ala Phe
64 100         105         110
67 Val Gly Ser Pro Val Glu Asp Asn Glu Lys Asp Leu Val Lys Leu Ala
68 115         120         125
71 Lys Arg Leu Lys Lys Glu Lys Val Asn Val Asp Ile Ile Asn Phe Gly
72 130         135         140
75 Glu Glu Glu Val Asn Thr Glu Lys Leu Thr Ala Phe Val Asn Thr Leu
76 145         150         155         160

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/598,079

DATE: 08/23/2006

TIME: 11:26:05

Input Set : A:\W110720015SEQ.ST25.txt
 Output Set: N:\CRF4\08232006\J598079.raw

79 Asn Gly Lys Asp Gly Thr Gly Ser His Leu Val Thr Val Pro Pro Gly
 80 165 170 175
 83 Pro Ser Leu Ala Asp Ala Leu Ile Ser Ser Pro Ile Leu Ala Gly Glu
 84 180 185 190
 87 Gly Gly Ala Met Leu Gly Leu Gly Ala Ser Asp Phe Glu Phe Gly Val
 88 195 200 205
 91 Asp Pro Ser Ala Asp Pro Glu Leu Ala Leu Ala Leu Arg Val Ser Met
 92 210 215 220
 95 Glu Glu Gln Arg Gln Arg Gln Glu Glu Ala Arg Arg Ala Ala Ala
 96 225 230 235 240
 99 Ala Ser Ala Ala Glu Ala Gly Ile Ala Thr Thr Gly Thr Glu Gly Glu
 100 245 250 255
 103 Arg Asp Ser Asp Asp Ala Leu Leu Lys Met Thr Ile Ser Gln Gln Glu
 104 260 265 270
 107 Phe Gly Arg Thr Gly Leu Pro Asp Leu Ser Ser Met Thr Glu Glu Glu
 108 275 280 285
 111 Gln Ile Ala Tyr Ala Met Gln Met Ser Leu Gln Gly Ala Glu Phe Gly
 112 290 295 300
 115 Gln Ala Glu Ser Ala Asp Ile Asp Ala Ser Ser Ala Met Asp Thr Ser
 116 305 310 315 320
 W--> 119 Glu Pro Ala Lys Glu Glu Asp Asp Tyr Asp Val Xaa Gln Asp Pro Glu
 120 325 330 335
 123 Phe Leu Gln Ser Val Leu Glu Asn Leu Pro Gly Val Asp Pro Asn Asn
 124 340 345 350
 127 Glu Ala Ile Arg Asn Ala Met Gly Ser Leu Ala Ser Gln Ala Thr Lys
 128 355 360 365
 131 Asp Gly Lys Lys Asp Lys Lys Glu Glu Asp Lys Lys
 132 370 375 380
 135 <210> SEQ ID NO: 2
 136 <211> LENGTH: 377
 137 <212> TYPE: PRT
 138 <213> ORGANISM: Artificial
 140 <220> FEATURE:
 141 <223> OTHER INFORMATION: Sequence from Homo sapiens
 144 <220> FEATURE:
 145 <221> NAME/KEY: MISC_FEATURE
 146 <222> LOCATION: (329)..(329)
 147 <223> OTHER INFORMATION: wherein Xaa is any amino acid
 149 <400> SEQUENCE: 2
 151 Met Val Leu Glu Ser Thr Met Val Cys Val Asp Asn Ser Glu Tyr Met
 152 1 5 10 15
 155 Arg Asn Gly Asp Phe Leu Pro Thr Arg Leu Gln Ala Gln Gln Asp Ala
 156 20 25 30
 159 Val Asn Ile Val Cys His Ser Lys Thr Arg Ser Asn Pro Glu Asn Asn
 160 35 40 45
 163 Val Gly Leu Ile Thr Leu Ala Asn Asp Cys Glu Val Leu Thr Thr Leu
 164 50 55 60
 167 Thr Pro Asp Thr Gly Arg Ile Leu Ser Lys Leu His Thr Val Gln Pro
 168 65 70 75 80

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/598,079

DATE: 08/23/2006
TIME: 11:26:05

Input Set : A:\W110720015SEQ.ST25.txt
Output Set: N:\CRF4\08232006\J598079.raw

171 Lys Gly Lys Ile Thr Phe Cys Thr Gly Ile Arg Val Ala His Leu Ala
 172 85 90 95
 175 Leu Lys His Arg Gln Gly Lys Asn His Lys Met Arg Ile Ile Ala Phe
 176 100 105 110
 179 Val Gly Ser Pro Val Glu Asp Asn Glu Lys Asp Leu Val Lys Leu Ala
 180 115 120 125
 183 Lys Arg Leu Lys Lys Glu Lys Val Asn Val Asp Ile Ile Asn Phe Gly
 184 130 135 140
 187 Glu Glu Glu Val Asn Thr Glu Lys Leu Thr Ala Phe Val Asn Thr Leu
 188 145 150 155 160
 191 Asn Gly Lys Asp Gly Thr Gly Ser His Leu Val Thr Val Pro Pro Gly
 192 165 170 175
 195 Pro Ser Leu Ala Asp Ala Leu Ile Ser Ser Pro Ile Leu Ala Gly Glu
 196 180 185 190
 199 Gly Gly Ala Met Leu Gly Leu Gly Ala Ser Asp Phe Glu Phe Gly Val
 200 195 200 205
 203 Asp Pro Ser Ala Asp Pro Glu Leu Ala Leu Ala Leu Arg Val Ser Met
 204 210 215 220
 207 Glu Glu Gln Arg Gln Arg Gln Glu Glu Glu Ala Arg Arg Ala Ala Ala
 208 225 230 235 240
 211 Ala Ser Ala Ala Glu Ala Gly Ile Ala Thr Thr Gly Thr Glu Asp Ser
 212 245 250 255
 215 Asp Asp Ala Leu Leu Lys Met Thr Ile Ser Gln Gln Glu Phe Gly Arg
 216 260 265 270
 219 Thr Gly Leu Pro Asp Leu Ser Ser Met Thr Glu Glu Glu Gln Ile Ala
 220 275 280 285
 223 Tyr Ala Met Gln Met Ser Leu Gln Gly Ala Glu Phe Gly Gln Ala Glu
 224 290 295 300
 227 Ser Ala Asp Ile Asp Ala Ser Ser Ala Met Asp Thr Ser Glu Pro Ala
 228 305 310 315 320
 W--> 231 Lys Glu Glu Asp Asp Tyr Asp Val Xaa Gln Asp Pro Glu Phe Leu Gln
 232 325 330 335
 235 Ser Val Leu Glu Asn Leu Pro Gly Val Asp Pro Asn Asn Glu Ala Ile
 236 340 345 350
 239 Arg Asn Ala Met Gly Ser Leu Ala Ser Gln Ala Thr Lys Asp Gly Lys
 240 355 360 365
 243 Lys Asp Lys Lys Glu Glu Asp Lys Lys
 244 370 375
 247 <210> SEQ ID NO: 3
 248 <211> LENGTH: 6
 249 <212> TYPE: PRT
 250 <213> ORGANISM: Homo sapiens
 252 <400> SEQUENCE: 3
 254 Cys Ser Val Thr Cys Gly
 255 1 5

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/23/2006
PATENT APPLICATION: US/10/598,079 TIME: 11:26:06

Input Set : A:\W110720015SEQ.ST25.txt
Output Set: N:\CRF4\08232006\J598079.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 332

Seq#:2; Xaa Pos. 329

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/598,079

DATE: 08/23/2006

TIME: 11:26:06

Input Set : A:\W110720015SEQ.ST25.txt
Output Set: N:\CRF4\08232006\J598079.raw

L:119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:320
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:320